

PRE-RENOVATION SURVEY
FOR
ASBESTOS-CONTAINING MATERIALS
AND
POLYCHLORINATED BIPHENYLS IN CAULK
AT THE
DASNY OFFICES
539 FRANKLIN STREET
BUFFALO, NEW YORK

MAY 2008

Prepared For:

Dormitory Authority of the State of New York
Building and Grounds
515 Broadway
Albany, New York

Prepared By:

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WATTS
ARCHITECTURE &
ENGINEERING, P.C.



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1.0 EXECUTIVE SUMMARY

1.0 EXECUTIVE SUMMARY

Watts Architecture & Engineering, P.C. (Watts) was retained by the Dormitory Authority of the State of New York (DASNY) to perform a pre-renovation survey for asbestos-containing materials (ACM) and polychlorinated biphenyls (PCBs) in caulk at the DASNY offices located at 539 Franklin Street in Buffalo, New York. The purpose of the survey was to determine the presence, location and quantity of ACM and PCBs in caulk as part of a preliminary process to assess building materials prior to a reconstruction project in the building.

The field survey was conducted on April 22, 2008 and included the following:

- ✧ A visual site inspection to identify suspect ACM and caulks in the building.
- ✧ Collection and laboratory analysis of samples of suspect asbestos materials and caulk for the presence of PCBs.
- ✧ Documentation of sample locations on drawings and chain-of-custody forms.

ASBESTOS-CONTAINING MATERIALS

The inspection included the collection of seventy-five (75) asbestos bulk samples accounting for twenty-five (25) homogeneous materials. ACM is defined as any material containing more than one percent (1%) of asbestos. The building is of wood frame and masonry construction. The building has three distinct building sections that were constructed at different times dating back to late 1800's for the west building section. Renovations have been intermittent and appear to have been done in phases according to building section. Based on the sample results, the following ACM were identified:

- White coating on interior of foundation walls in the northeast room of the basement. The material is in fair to good condition and is labeled "Keep Clean".
- Drywall joint compound on the 1st and 2nd floors of the middle and east building sections (associated drywall was not ACM).
- Perimeter window caulk on all windows, including operable and fixed windows, on both floors of all three building sections.
- Window glazing compound – (black) replacement fixed windows on the middle and west building sections.
- Window glazing compound – (white) old operable windows east building 1st and 2nd floors.
- Window glazing compound – (white) operable windows – west building – 2nd floor.
- TSI – air cell pipe insulation in the basement (two sections totaling approximately 18 linear feet).

NON-ASBESTOS-CONTAINING MATERIALS

The following materials were determined **not** to be ACM:

- Mortar from chimneys in the attic of the west building section.
- Tan/brown drywall and drywall joint compound (old) at the basement stairs in the west building section.
- Gray drywall and drywall joint compound (newer) at the basement stairs in the west building section.
- Gray coating on the interior of the foundation in good condition in the NW room with the furnace.
- White coating on the interior of the foundation in poor condition on the south storage room wall.
- Drywall and associated joint compound throughout the west building and the basement stairwell.
- Window glazing compound on the operable windows on the 2nd floor of the middle building only.

The samples collected and the conditions noted reflect the areas that Watts personnel observed. In the event other suspect materials are identified during the construction period, Watts recommends these materials are sampled and analyzed for asbestos content.

Floor-plan drawings, chain-of-custody forms, laboratory results, laboratory accreditation, and consultant's certifications and license are also included in the report.

POLYCHLORINATED BIPHENYLS

Watts investigated the perimeter window caulk and window glazing caulk associated with the DASNY Offices located at 539 Franklin Street in Buffalo, New York to determine if polychlorinated biphenyls (PCBs) were present. Samples were collected from representative locations identified by Watts based on visual observations made at the time of the site visit.

The purpose of the laboratory testing was to determine if caulk and or glazing compound contained PCBs and subsequent proper handling and disposal procedures to be followed by the Contractor. Several replacement windows were constructed of replacement double pane window glazing inserted into the original wood frame with caulk as a sealant around the glass in lieu of traditional window glazing compound. A total of seven (7) samples were collected from the DASNY Offices and analyzed by the laboratory. The samples were analyzed by EMSL in Westmont, New Jersey. EMSL is a New York State Department of Health (NYSDOH) approved laboratory and a participant in the National Voluntary Laboratory Approval Program (NVLAP). The samples were analyzed using USEPA SW-846 Method 8082, PCBs. Sample results were reported in micrograms per kilogram (ug/kg) which equates to parts per billion (ppb). The results in this report were converted to milligrams per kilogram (mg/kg) which equates to parts per million (ppm) so that it could be directly correlated to the regulatory standards.

The Environmental Protection Agency (EPA) regulates PCBs and considers any debris generated from construction materials manufactured with PCBs derived from building renovation projects with a concentration of greater than 50 parts per million (ppm) PCB non-remediation waste. The Toxic Substances Control Act (TSCA) regulations (40 CFR Part 761) prescribes requirements for the proper management of PCB materials, including their handling and disposal. PCB bulk product waste at concentrations >50 ppm must follow specific storage, transport and disposal requirements.

None of the samples were found to have PCBs.

A floor plan drawing indicating room locations and approximate PCB bulk sample locations, chain-of-custody form, laboratory results, laboratory accreditation, consultant's certifications and license are included in this report. Refer to the appropriate sections for this information.

2.0 ASBESTOS-CONTAINING MATERIALS SUMMARY

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This section includes a Homogeneous Materials List and floor-plan drawings. The Homogeneous Materials List includes the homogeneous materials identified, their corresponding sample numbers and whether or not they are ACM.

Bulk sample locations are indicated on the floor-plan drawing.

<u>Results</u>	<u>Type</u>	<u>ACM</u>
NA – Not Analyzed	M – Miscellaneous	Y – Yes
NAD – No Asbestos Detected	S - Surfacing	N – No
ND – None Detected	T - Thermal	
N/A – Not Applicable		
NON-ACM – Final residue of gravimetric reduction <1% of original subsample.		

HOMOGENEOUS MATERIALS LIST DASNY OFFICES 539 FRANKLIN STREET, BUFFALO, NEW YORK							
HM #	Material Description	Sample Location	Type	Sample Number	Results (% Asbestos)		ACM Y/N
					PLM	TEM	
1	Mortar from Chimney	Attic – East Center Chimney by HVAC	M	Y6157.16-01	ND	NA	N
		Attic – East Center Chimney by HVAC		Y6157.16-02	ND	NA	
		Attic – Northwest Chimney		Y6157.16-03	ND	NA	
2	Tan/Brown Drywall – old	Attic – Loose – by North end HVAC	S	Y6157.16-04	ND	NA	N
		Basement – Around Stairs		Y6157.16-05	ND	NA	
		Basement – In Stairwell		Y6157.16-06	ND	NA	
3	Drywall Joint Compound (tan) on Old Drywall	Basement – Around Stairs	S	Y6157.16-07	ND	NA	N
		Basement – Around Stairs		Y6157.16-08	ND	NA	
		Basement – In Stairwell		Y6157.16-09	ND	NA	
4	Gray Drywall (newer)	Basement – Around Stairs	S	Y6157.16-10	ND	NA	N
		Basement – Around Stairs		Y6157.16-11	ND	NA	
		Basement – In Stairwell		Y6157.16-12	ND	NA	

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HM #	Material Description	Sample Location	Type	Sample Number	Results (% Asbestos)		ACM Y/N
					PLM	TEM	
5	Drywall Joint Compound (white) on Newer Drywall	Basement – Around Stairs	S	Y6157.16-13	ND	NA	N
		Basement – Around Stairs		Y6157.16-14	ND	NA	
		Basement – In Stairwell		Y6157.16-15	ND	NA	
6	White Coating on Interior of Foundation – Fair Condition	Basement – East Room “Keep Clean” – West Wall	M	Y6157.16-16 Y6157.16-17 Y6157.16-18	5.10% Chrysotile NA/PS NA/PS	NA NA NA	Y
7	Gray Coating on Interior of Foundation – Good Condition	Basement – West Room Furnace Area – West Wall	M	Y6157.16-19	ND	NA	N
		Basement – West Room Furnace Area – South Wall		Y6157.16-20	ND	NA	
		Basement – West Room Furnace Area – North Wall		Y6157.16-21	ND	NA	
8	White Coating on Interior of Foundation – Poor Condition	Basement – South Room Behind Stair Only – South Wall	M	Y6157.16-22 Y6157.16-23 Y6157.16-24	ND ND ND	NA NA NA	N
9	Drywall	East Building – 1 st Floor – North	S	Y6157.16-25	ND	NA	N
		East Building – 1 st Floor – South		Y6157.16-26	ND	NA	
		East Building – 2 nd Floor – North		Y6157.16-27	ND	NA	
10	Drywall Joint Compound	East Building – 1 st Floor – North	S	Y6157.16-28	2.40% Chrysotile	NA	Y
		East Building – 1 st Floor – South		Y6157.16-29	NA/PS	NA	
		East Building – 2 nd Floor – North		Y6157.16-30	NA/PS	NA	

**HOMOGENEOUS MATERIALS LIST
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HM #	Material Description	Sample Location	Type	Sample Number	Results (% Asbestos)		ACM Y/N
					PLM	TEM	
11	Drywall	West Building – 2 nd Floor – SW Front Room	S	Y6157.16-31	ND	NA	N
		West Building – 1 st Floor – SW Behind Recp.		Y6157.16-32	ND	NA	
		West Building – 2 nd Floor – North		Y6157.16-33	ND	NA	
12	Drywall Joint Compound	West Building – 2 nd Floor – SW Front Room	S	Y6157.16-34	ND	NA	N
		West Building – 1 st Floor – SW Behind Recp.		Y6157.16-35	ND	NA	
		West Building – 2 nd Floor – North		Y6157.16-36	ND	NA	
13	Window Caulk – Perimeter (gray) Replacement Fixed Window	West Building – 1 st Floor – West	M	Y6157.16-37	<1% Chrysotile	NA	Y
		West Building – 1 st Floor – North		Y6157.16-38	1.5% Chrysotile	NA	
		West Building – 1 st Floor – South		Y6157.16-39	NA/PS	NA	
14	Window Glazing Compound – (black) Replacement Fixed Window	West Building – 1 st Floor – West	M	Y6157.16-40	NAD	NA	Y
		West Building – 1 st Floor – North		Y6157.16-41	6.5% Chrysotile	NA	
		West Building – 1 st Floor – South		Y6157.16-42	NA/PS	NA	
15	Window Caulk – Perimeter (gray) Replacement Fixed Window	Middle Building – 1 st Floor – North Side-West	M	Y6157.16-43	2.5% Chrysotile	NA	Y
		Middle Building – 1 st Floor – North Side-East		Y6157.16-44	<1% Chrysotile	NA	
		Middle Building – 1 st Floor – South		Y6157.16-45	NA/PS	NA	
16	Window Glazing Compound – (black) Replacement Fixed Window	Middle Building – 1 st Floor – North Side-West	M	Y6157.16-46	NAD	NA	Y
		Middle Building – 1 st Floor – North Side-East		Y6157.16-47	5.7% Chrysotile	NA	
		Middle Building – 1 st Floor – South		Y6157.16-48	NA/PS	NA	

HOMOGENEOUS MATERIALS LIST
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HM #	Material Description	Sample Location	Type	Sample Number	Results (% Asbestos)		ACM Y/N
					PLM	TEM	
17	Window Caulk – Perimeter – Old Operable Windows	East Building – 1 st Floor – North	M	Y6157.16-49	3.4% Chrysotile	NA	Y
		East Building – 1 st Floor – South		Y6157.16-50	NA/PS	NA	
		East Building – 2 nd Floor – South		Y6157.16-51	NA/PS	NA	
18	Window Glazing Compound – White – Old Operable Windows	East Building – 1 st Floor – North	M	Y6157.16-52	<1% Chrysotile	10.4% Chrysotile	Y
		East Building – 1 st Floor – South		Y6157.16-53	NAD	NA/PS	
		East Building – 2 nd Floor – South		Y6157.16-54	NAD	NA	
19	Window Caulk – Perimeter – Operable Windows	West Building – 2 nd Floor – East	M	Y6157.16-55	<1% Chrysotile	NA	Y
		West Building – 2 nd Floor – North		Y6157.16-56	1.1% Chrysotile	NA	
		West Building – 2 nd Floor – West		Y6157.16-57	NA/PS	NA	
20	Window Glazing Compound – White – Operable Windows	West Building – 2 nd Floor – East	M	Y6157.16-58	NAD	2.9% Anthophyllite	Y
		West Building – 2 nd Floor – North		Y6157.16-59	NAD	NA	
		West Building – 2 nd Floor – West		Y6157.16-60	NAD	NA/PS	
21	Window Caulk – Perimeter – Operable Windows	Middle Building – 2 nd Floor – South	M	Y6157.16-61	<1% Chrysotile	NA	Y
		Middle Building – 2 nd Floor – North		Y6157.16-62	1.1% Chrysotile	NA	
		Middle Building – 2 nd Floor – North		Y6157.16-63	NA/PS	NA	
22	Window Glazing Compound – Operable Windows	Middle Building – 2 nd Floor – South	M	Y6157.16-64	NAD	NAD	N
		Middle Building – 2 nd Floor – North		Y6157.16-65	NAD	NAD	
		Middle Building – 2 nd Floor – North		Y6157.16-66	NAD	NA	

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HM #	Material Description	Sample Location	Type	Sample Number	Results (% Asbestos)		ACM Y/N
					PLM	TEM	
23	TSI – Air Cell Pipe Insulation	Basement – Storage Room – East End	T	Y6157.16-67	40.0% Chrysotile	NA	Y
		Basement – Storage Room – East End		Y6157.16-68	NA/PS	NA	
		Basement – East Far Room – East End		Y6157.16-69	NA/PS	NA	
24	Drywall	Middle Building – 2 nd Floor – North	S	Y6157.16-70	ND	NA	N
		Middle Building – 2 nd Floor – South		Y6157.16-71	ND	NA	
		Middle Building – 1 st Floor – South		Y6157.16-72	ND	NA	
25	Drywall Joint Compound	Middle Building – 2 nd Floor – North	S	Y6157.16-73	1.30% Chrysotile	NA	Y
		Middle Building – 2 nd Floor – South		Y6157.16-74	NA/PS	NA	
		Middle Building – 1 st Floor – South		Y6157.16-75	NA/PS	NA	

3.0 ASBESTOS-CONTAINING MATERIALS

3.1 POLARIZED LIGHT MICROSCOPY (PLM) METHOD 198.1



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Project: **Y6157.16 - DASNY Offices - 539 Franklin Street, Buffalo, NY**

EMSL Proj:
Analysis Date: 4/23/2008
Report Date: 4/23/2008

Asbestos Analysis of Bulk Materials by PLM via the NY State ELAP 198.1 Method

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
Y6157.16-01 140801746-0001	attic-east center chimney by HVAC	Gray Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
Y6157.16-02 140801746-0002	attic-east center chimney by HVAC	Gray Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
Y6157.16-03 140801746-0003	attic-northeast chimney	Gray Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
Y6157.16-04 140801746-0004	attic-loose-by north end HVAC	Gray Fibrous Layer # 1	<1% Cellulose	100.00% Non-fibrous (other)	None Detected
Y6157.16-04 140801746-0004A	paper	Brown Fibrous Layer # 2	95.00% Cellulose	5.00% Non-fibrous (other)	None Detected
Y6157.16-05 140801746-0005	basement around stairs	Gray Fibrous Layer # 1	<1% Cellulose	100.00% Non-fibrous (other)	None Detected
Y6157.16-05 140801746-0005A	paper	Brown Fibrous Layer # 2	95.00% Cellulose	5.00% Non-fibrous (other)	None Detected
Y6157.16-06 140801746-0006	basement-in stairwell	Gray Fibrous Layer # 1	<1% Cellulose	100.00% Non-fibrous (other)	None Detected
Y6157.16-06 140801746-0006A	paper	Brown Fibrous Layer # 2	90.00% Cellulose	10.00% Non-fibrous (other)	None Detected
Y6157.16-07 140801746-0007	basement-around stairs	Gray Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected

Analyst(s) _____

Brian Walczak (6)
Tom Hanes (54)

Rhonda McGee, Laboratory Manager
or other approved signatory

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Analysis performed by EMSL Buffalo (NVLAP #200056-0), NY ELAP #11606



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Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
Y6157.16-15 140801746-0015	basement-in stariwell	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
Y6157.16-16 140801746-0016	basement-east room "keepclean"-west wall	White Fibrous Homogeneous		94.90% Non-fibrous (other)	5.10% Chrysotile
Y6157.16-17 140801746-0017	basement-east room "keepclean"-west wall				Positive Stop
Y6157.16-18 140801746-0018	basement-east room "keepclean"-north wall				Positive Stop
Y6157.16-19 140801746-0019	basement-west room- furnace area-west wall	Gray Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
Y6157.16-20 140801746-0020	basement-west room- furnace area-south wall	Gray Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
Y6157.16-21 140801746-0021	basement-west room- furnace area-north wall	Gray Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
Y6157.16-22 140801746-0022	basement-south room behind stairs only- south wall	Gray Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
Y6157.16-23 140801746-0023	basement-south room behind stairs only- south wall	Gray Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
Y6157.16-24 140801746-0024	basement-south room behind stairs only- south wall	Gray Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected

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Rhonda McGee, Laboratory Manager
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Asbestos Analysis of Bulk Materials by PLM via the NY State ELAP 198.1 Method

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
Y6157.16-25 140801746-0025	east building-1st floor-north	Gray Fibrous Layer # 1	<1% Cellulose	100.00% Non-fibrous (other)	None Detected
Y6157.16-25 140801746-0025A	paper	Brown Fibrous Layer # 2	95.00% Cellulose	5.00% Non-fibrous (other)	None Detected
Y6157.16-26 140801746-0026	east building-1st floor-south	Gray Fibrous Layer # 1	2.00% Cellulose	98.00% Non-fibrous (other)	None Detected
Y6157.16-26 140801746-0026A	paper	Brown Fibrous Layer # 2	95.00% Cellulose	5.00% Non-fibrous (other)	None Detected
Y6157.16-27 140801746-0027	east building-2nd floor-north	Gray Fibrous Layer # 1	3.00% Cellulose	97.00% Non-fibrous (other)	None Detected
Y6157.16-27 140801746-0027A	paper	Brown Fibrous Layer # 2	90.00% Cellulose	10.00% Non-fibrous (other)	None Detected
Y6157.16-28 140801746-0028	east building 1st floor-north	Gray Fibrous Homogeneous		97.60% Non-fibrous (other)	2.40% Chrysotile
Y6157.16-29 140801746-0029	east building 1st floor-south				Positive Stop
Y6157.16-30 140801746-0030	east building 2nd floor-north				Positive Stop
Y6157.16-31 140801746-0031	west building-2nd floor-sw front rm	Gray Fibrous Layer # 1	2.00% Cellulose	98.00% Non-fibrous (other)	None Detected

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Rhonda McGee, Laboratory Manager
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Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
Y6157.16-31 140801746-0031A	paper	Brown Fibrous Layer # 2	95.00% Cellulose	5.00% Non-fibrous (other)	None Detected
Y6157.16-32 140801746-0032	west building-1st floor-sw behind recp	Gray Fibrous Layer # 1	2.00% Cellulose	98.00% Non-fibrous (other)	None Detected
Y6157.16-32 140801746-0032A	paper	Brown Fibrous Layer # 2	90.00% Cellulose	10.00% Non-fibrous (other)	None Detected
Y6157.16-33 140801746-0033	west building-2nd floor-north	Gray Fibrous Layer # 1	3.00% Cellulose	97.00% Non-fibrous (other)	None Detected
Y6157.16-33 140801746-0033A	paper	Brown Fibrous Layer # 2	95.00% Cellulose	5.00% Non-fibrous (other)	None Detected
Y6157.16-34 140801746-0034	west building-2nd floor-sw front rm	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
Y6157.16-35 140801746-0035	west building-1st floor-sw behind recp	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
Y6157.16-36 140801746-0036	west building-2nd floor-north	White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	None Detected
Y6157.16-67 140801746-0037	basement-storage rm-east end	Gray Fibrous Homogeneous	40.00% Cellulose	20.00% Non-fibrous (other)	40.00% Chrysotile
Y6157.16-68 140801746-0038	basement-storage rm-east end				Positive Stop

Analyst(s)

Brian Walczak (6)
Tom Hanes (54)

Rhonda McGee, Laboratory Manager
or other approved signatory

PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Negative PLM results cannot be guaranteed. Samples reported as <1% or none detected should be tested with TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. Unless otherwise noted, the results in this report have not been blank corrected. Samples received in good condition unless otherwise noted.

Analysis performed by EMSL Buffalo (NVLAP #200056-0), NY ELAP #11606



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Customer ID: WATT50
Customer PO:
Received: 04/22/08 5:19 PM
EMSL Order: 140801746

Fax: (716) 836-2402 Phone: (716) 836-1540
Project: **Y6157.16 - DASNY Offices - 539 Franklin Street, Buffalo, NY**

EMSL Proj:
Analysis Date: 4/23/2008
Report Date: 4/23/2008

Asbestos Analysis of Bulk Materials by PLM via the NY State ELAP 198.1 Method

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
Y6157.16-69 140801746-0039	basement-east far room-east end				Positive Stop
Y6157.16-70 140801746-0040	middle building-2nd floor north	Gray Non-Fibrous Layer # 1		100.00% Non-fibrous (other)	None Detected
Y6157.16-70 140801746-0040A	paper	Brown Fibrous Layer # 2	95.00% Cellulose	5.00% Non-fibrous (other)	None Detected
Y6157.16-71 140801746-0041	middle building-2nd floor-south	Gray Non-Fibrous Layer # 1		100.00% Non-fibrous (other)	None Detected
Y6157.16-71 140801746-0041A	paper	Brown Fibrous Layer # 2	95.00% Cellulose	5.00% Non-fibrous (other)	None Detected
Y6157.16-72 140801746-0042	middle building-1st floor south	Gray Non-Fibrous Layer # 1		100.00% Non-fibrous (other)	None Detected
Y6157.16-72 140801746-0042A	paper	Brown Fibrous Layer # 2	90.00% Cellulose	10.00% Non-fibrous (other)	None Detected
Y6157.16-73 140801746-0043	middle building-2nd floor north	Beige Fibrous Homogeneous		98.70% Non-fibrous (other)	1.30% Chrysotile
Y6157.16-74 140801746-0044	middle building-2nd floor south				Positive Stop
Y6157.16-75 140801746-0045	middle building-1st floor south				Positive Stop

Analyst(s)

Brian Walczak (6)
Tom Hanes (54)

Rhonda McGee, Laboratory Manager
or other approved signatory

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Analysis performed by EMSL Buffalo (NVLAP #200056-0), NY ELAP #11606

3.2 POLARIZED LIGHT MICROSCOPY (PLM) NOB METHOD 198.6



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EMSL Order: 140801746

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EMSL Proj:
Analysis Date: 4/24/2008
Report Date: 4/24/2008

Asbestos Analysis of Non-Friable Organically Bound Materials by PLM via the NY State ELAP 198.6 Method

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES
Y6157.16-37 140801746-0046	window caulk-perimeter(gray)replacement fixed wind	Blue/Black/Brown	99.8	None	Inconclusive : <1 Chrysotile <1 Total All Types
Y6157.16-38 140801746-0047	window caulk-perimeter(gray)replacement fixed wind	Red/Brown/Blue	98.5	None	1.5 Chrysotile 1.5 Total All Types
Y6157.16-39 140801746-0048	window caulk-perimeter(gray)replacement fixed wind	Red/Brown/Blue			
Not Analyzed Positive stop					
Y6157.16-40 140801746-0049	window glazing compound(black)replacement fixed wi	Black/Blue	100.0	None	Inconclusive: No Asbestos Detected
Y6157.16-41 140801746-0050	window glazing compound(black)replacement fixed wi	Black	93.5	None	6.5 Chrysotile 6.5 Total All Types
Y6157.16-42 140801746-0051	window glazing compound(black)replacement fixed wi	Black			
Not Analyzed Positive stop					
Y6157.16-43 140801746-0052	window caulk-perimeter(gray)replacement fixed wind	White/Brown/Green	97.5	None	2.5 Chrysotile 2.5 Total All Types

Analyst(s)

Brian Walczak (30)

Rhonda McGee, Laboratory Manager
or other approved signatory

*Polarized Light Microscopy (PLM) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative Transmission Electron Microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing. The test results contained within this report meet the requirements of NELAC unless otherwise noted. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. The above test report relates only to the items tested. EMSL bears no responsibility for sample collection activities or analytical method imitations. Unless otherwise noted, the results in this report have not been blank corrected. Samples received in good condition unless otherwise noted.

ACCREDITATIONS: NVLAP #200056-0 and NY STATE ELAP #11606



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EMSL Proj:
Analysis Date: 4/24/2008
Report Date: 4/24/2008

Asbestos Analysis of Non-Friable Organically Bound Materials by PLM via the NY State ELAP 198.6 Method

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES
Y6157.16-44 140801746-0053	window caulk-perimeter(gray)replacement fixed window	Blue/Brown			
Insufficient Residue Final Residue <1% of original subsample, Non-ACM.					
Y6157.16-45 140801746-0054	window caulk-perimeter(gray)replacement fixed window	Brown/Red/Blue			
Not Analyzed Positive stop					
Y6157.16-46 140801746-0055	window glazing compound(black)replacement fixed window	Black	100.0	None	Inconclusive: No Asbestos Detected
Y6157.16-47 140801746-0056	window glazing compound(black)replacement fixed window	Black	94.3	None	5.7 Chrysotile 5.7 Total All Types
Y6157.16-48 140801746-0057	window glazing compound(black)replacement fixed window	Black/Brown			
Not Analyzed Positive stop					
Y6157.16-49 140801746-0058	window caulk-perimeter-old operable window	Blue/Black	96.6	None	3.4 Chrysotile 3.4 Total All Types

Analyst(s)

Brian Walczak (30)

Rhonda McGee, Laboratory Manager
or other approved signatory

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EMSL Proj:
Analysis Date: 4/24/2008
Report Date: 4/24/2008

Asbestos Analysis of Non-Friable Organically Bound Materials by PLM via the NY State ELAP 198.6 Method

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES
Y6157.16-50 140801746-0059	window caulk-perimeter-old operable window	Red/Brown/Black			
Not Analyzed Positive stop					
Y6157.16-51 140801746-0060	window caulk-perimeter-old operable window	Brown/Blue			
Not Analyzed Positive stop					
Y6157.16-52 140801746-0061	window glazing compound-white-old operable window	Blue/White	99.2	None	Inconclusive : <1 Chrysotile <1 Total All Types
Y6157.16-53 140801746-0062	window glazing compound-white-old operable window	Brown/White/Blue	100.0	None	Inconclusive: No Asbestos Detected
Y6157.16-54 140801746-0063	window glazing compound-white-old operable window	Blue/White/Black	100.0	None	Inconclusive: No Asbestos Detected
Y6157.16-55 140801746-0064	window caulk-perimeter-operable windows	Blue/Black	99.4	None	Inconclusive : <1 Chrysotile <1 Total All Types
Y6157.16-56 140801746-0065	window caulk-perimeter-operable windows	Black/Red/Blue	98.9	None	1.1 Chrysotile 1.1 Total All Types

Analyst(s)

Brian Walczak (30)

Rhonda McGee, Laboratory Manager
or other approved signatory

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EMSL Proj:
Analysis Date: 4/24/2008
Report Date: 4/24/2008

Asbestos Analysis of Non-Friable Organically Bound Materials by PLM via the NY State ELAP 198.6 Method

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES
Y6157.16-57 140801746-0066	window caulk-perimeter-operable windows	Blue/Tan/Red			
Not Analyzed Positive stop					
Y6157.16-58 140801746-0067	window glazing compound-white-operable windows	White	100.0	None	Inconclusive: No Asbestos Detected
Y6157.16-59 140801746-0068	window glazing compound-white-operable windows	Gray/Cream	100.0	None	Inconclusive: No Asbestos Detected
Y6157.16-60 140801746-0069	window glazing compound-white-operable windows	Blue/White	100.0	None	Inconclusive: No Asbestos Detected
Y6157.16-61 140801746-0070	window caulk-perimeter-operable windows	Brown/Red/Blue	99.5	None	Inconclusive : <1 Chrysotile <1 Total All Types
Y6157.16-62 140801746-0071	window caulk-perimeter-operable windows	Blue/Red/Brown	98.9	None	1.1 Chrysotile 1.1 Total All Types
Y6157.16-63 140801746-0072	window caulk-perimeter-operable windows	Blue/Red/Brown			
Not Analyzed Positive stop					

Analyst(s)

Brian Walczak (30)

Rhonda McGee, Laboratory Manager
or other approved signatory

*Polarized Light Microscopy (PLM) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative Transmission Electron Microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing. The test results contained within this report meet the requirements of NELAC unless otherwise noted. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. The above test report relates only to the items tested. EMSL bears no responsibility for sample collection activities or analytical method imitations. Unless otherwise noted, the results in this report have not been blank corrected. Samples received in good condition unless otherwise noted.

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Customer ID: WATT50
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Fax: (716) 836-2402 Phone: (716) 836-1540
Project: **Y6157.16 - DASNY Offices - 539 Franklin Street, Buffalo, NY**

EMSL Proj:
Analysis Date: 4/24/2008
Report Date: 4/24/2008

Asbestos Analysis of Non-Friable Organically Bound Materials by PLM via the NY State ELAP 198.6 Method

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES
Y6157.16-64 140801746-0073	window glazing compound-operable windows	Blue/White/Brown	100.0	None	Inconclusive: No Asbestos Detected
Y6157.16-65 140801746-0074	window glazing compound-operable windows	Blue/White	100.0	None	Inconclusive: No Asbestos Detected
Y6157.16-66 140801746-0075	window glazing compound-operable windows	Brown/White	100.0	None	Inconclusive: No Asbestos Detected

Analyst(s)

Brian Walczak (30)

Rhonda McGee, Laboratory Manager
or other approved signatory

*Polarized Light Microscopy (PLM) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative Transmission Electron Microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing. The test results contained within this report meet the requirements of NELAC unless otherwise noted. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. The above test report relates only to the items tested. EMSL bears no responsibility for sample collection activities or analytical method imitations. Unless otherwise noted, the results in this report have not been blank corrected. Samples received in good condition unless otherwise noted.

ACCREDITATIONS: NVLAP #200056-0 and NY STATE ELAP #11606

3.3 TRANSMISSION ELECTRON MICROSCOPY (TEM) METHOD 198.4



EMSL Analytical, Inc.

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Received: 04/22/08 5:19 PM
EMSL Order: 140801746

Fax: (716) 836-2402 Phone: (716) 836-1540
Project: **Y6157.16 - DASNY Offices - 539 Franklin Street, Buffalo, NY**

EMSL Proj:
Analysis Date: 4/25/2008
Report Date: 4/26/2008

Asbestos Analysis of Non-Friable Organically Bound materials by Transmission Electron Microscopy via NYS ELAP Method 198.4

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES	% TOTAL ASBESTOS
Y6157.16-52 140801746-0061	window glazing compound-white-old operable window	Blue/White	89.6	None	10.4 Chrysotile	10.4
Y6157.16-53 140801746-0062	window glazing compound-white-old operable window	Brown/White/Blue				
Not Analyzed Positive Stop						
Y6157.16-58 140801746-0067	window glazing compound-white-operable windows	White	97.1	None	2.9% Anthophyllite	2.9
Y6157.16-60 140801746-0069	window glazing compound-white-operable windows	Blue/White				
Not Analyzed Positive Stop						
Y6157.16-64 140801746-0073	window glazing compound-operable windows	Blue/White/Brown	100.0	None	No Asbestos Detected	
Y6157.16-65 140801746-0074	window glazing compound-operable windows	Blue/White	100.0	None	No Asbestos Detected	

Analyst(s) _____

Rhonda McGee (6)

Rhonda McGee, Laboratory Manager
or other approved signatory

This laboratory is not responsible for % asbestos in total sample when the residue only is submitted for analysis. The above report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. Samples received in good condition unless otherwise noted.

ACCREDITATIONS: NVLAP #200056-0 and NY STATE ELAP #11606

3.4 CHAIN-OF-CUSTODY FORMS

BULK SAMPLE CHAIN-OF-CUSTODY FORM

The purpose of the chain-of-custody form is to reduce the possibility of misidentifying individual samples, to help trace any samples that may be lost, and to provide a record certifying that the samples were delivered to and received by the analytical laboratory.

An important feature of this form is the signature section at the bottom, identifying all persons who handled the samples.

WATTS ARCHITECTURE & ENGINEERING, P.C.
 ASBESTOS BULK SAMPLE CHAIN-OF-CUSTODY

Page: 01 of 07

Client: DASNY
 Project: DASNY offices
 Building / Location: 539 Franklin Street, Buffalo, NY
 Contact: Eric McNabb at (716) 836-1540
 Fax Preliminary Results to: (716) 836-2402
 Mail Report & Invoice to: Watts Architecture & Engineering, P.C.
 3826 Main Street, Buffalo, NY 14226

Date: 4/22/08
 Watts Project No.: Y6157.16

Turnaround Requested: 3 Hr. 48 Hr.
 Analysis Requested: 6 Hr. 72 Hr.
 PLM > TEM 12 Hr. 5 Day
See Note 24 Hr. 6-10 Da

Sample Number	Material Description	Sample Location	Laboratory Results	
			PLM	TEM
Y6157.16-01	Mortar from Chimney	Attic - East center chimney by HVAC		
" 02	" "	Attic " " "		
" 03	" "	Attic Northwest Chimney		
" 04	Tan/Brown Drywall - old	Attic - loose - by North End HVAC		
" 05	" " "	Basement Around Stairs		
" 06	" " "	Basement - in Stairwell		
" 07	Drywall Joint Compound (TAN) on old Drywall	Basement - Around Stairs		
" 08	" " "	Basement - Around Stairs		
" 09	" " "	Basement - in Stairwell		
" 10	Gray Drywall (newer)	Basement - Around Stairs		
" 11	" " "	Basement - Around Stairs		
" 12	" " "	Basement - In Stairwell		

Sampled By: Ernst Date: 4/22/08 Received By: _____ Date: _____
 Relinquished By: Ernst Date: 4/22/08 Received By: _____ Date: _____

Comments: Analyze all by PLM, if All NOBS are negative in a Homogeneous group, Analyze 2 by TEM Also.
★ (Stop on first positive for both PLM and TEM Analysis for each Homogeneous group)

WATTS ARCHITECTURE & ENGINEERING, P.C.
 ASBESTOS BULK SAMPLE CHAIN-OF-CUSTODY

Page: 2 of 7

Client: OASNY
 Project: OASNY offices
 Building / Location: 539 Fran Klin Street, Buffalo, NY
 Contact: Ene Mc Nab at (716) 836-1540
 Fax Preliminary Results to: (716) 836-2402
 Mail Report & Invoice to: Watts Architecture & Engineering, P.C.
 3826 Main Street, Buffalo, NY 14226

Date: 4/22/08
 Watts Project No.: Y6157.16

Turnaround Requested: 3 Hr. 48 Hr.
 Analysis Requested: 6 Hr. 72 Hr.
 PLM TEM 12 Hr. 5 Day
See pg 1 note 24 Hr. 6-10 Da

Sample Number	Material Description	Sample Location	Laboratory Results	
			PLM	TEM
46157.16-13	Drywall Joint Compound (white) on newer drywall	Basement - Around Stairs		
" 14	" " "	" " Around Stairs		
" 15	" " "	" " in Stairwell		
" 16	White Coating on Interior of Foundation - fair Condition	Basement - Room East Room "Keepclean" - west wall		
" 17	" " " "	" " " west wall		
" 18	" " " "	" " " North wall		
" 19	Gray Coating on Interior of Foundation - Good Condition	Basement - West Room - Furnace Area - west wall		
" 20	" " "	" " " - South wall		
" 21	" " "	" " " - North wall		
" 22	White Coating on Interior of Foundation - Poor Condition	Basement - South Room Behind Stairs Only - South wall		
" 23	" " "	" " " " "		
" 24	" " "	" " " " "		

Sampled By: CO/BJL Date: 4/22/08 Received By: _____ Date: _____
 Relinquished By: CO/BJL Date: 4/22/08 Received By: _____ Date: _____

Comments: _____

WATTS ARCHITECTURE & ENGINEERING, P.C.
 ASBESTOS BULK SAMPLE CHAIN-OF-CUSTODY

Page: 3 of 7

Client: DASNY
 Project: DASNY offices
 Building / Location: 539 Franklin Street Buffalo, NY
 Contact: Eric McNabb at (716) 836-1540
 Fax Preliminary Results to: (716) 836-2402
 Mail Report & Invoice to: Watts Architecture & Engineering, P.C.
 3826 Main Street, Buffalo, NY, 14226

Date: 4/22/08
 Watts Project No.: Y6157.16

Turnaround Requested: 3 Hr. 3 48 Hr.
 Analysis Requested: 6 Hr. 72 Hr.
 PLM X TEM X 12 Hr. 5 Day
24 Hr. 6-10 Da.
 See Note pg 1

Sample Number	Material Description	Sample Location	Laboratory Results	
			PLM	TEM
Y6157.16-25	Drywall	East Building - 1st floor - North		
" 26	"	" " - 1st floor - South		
" 27	"	" " - 2nd floor - North		
" 28	Drywall Joint Compound	East Building 1st floor - North		
" 29	" " "	" " 1st floor - South		
" 30	" " "	" " 2nd floor - North		
" 31	Drywall	West Building - 2nd floor - Sw front rm		
" 32	"	" " - 1st floor - Sw Behind Recp.		
" 33	"	" " - 2nd floor - North		
" 34	Drywall Joint Compound	West Building - 2nd floor - Sw front rm		
" 35	" " "	" " - 1st floor - Sw Behind Recp.		
" 36	" " "	" " 2nd floor - North		

Sampled By: [Signature] Date: 4/22/08 Received By: _____ Date: _____

Relinquished By: [Signature] Date: 4/22/08 Received By: _____ Date: _____

Comments: see

WATTS ARCHITECTURE & ENGINEERING, P.C.
 ASBESTOS BULK SAMPLE CHAIN-OF-CUSTODY

Page: 4 of 7

Client: DASNY
 Project: DASNY offices
 Building / Location: 539 Franklin Street, Buffalo, NY
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 Fax Preliminary Results to: (716) 836-2402
 Mail Report & Invoice to: Watts Architecture & Engineering, P.C.
 3826 Main Street, Buffalo, NY 14226

Date: 4/22/05
 Watts Project No.: Y6157.16

Turnaround Requested: 3 Hr. 48 Hr.
 Analysis Requested: 6 Hr. 72 Hr.
 PLM TEM 12 Hr. 5 Day
24 Hr. 6-10 Da
 See note Pg #

Sample Number	Material Description	Sample Location	Laboratory Results	
			PLM	TEM
Y6157.16 -37	Window Caulk-Perimeter (gray) Replacement fixed window	West Building - 1st floor west		
4 38	" " "	" " North		
4 39	" " "	" " South		
4 40	Window Glazing Compound (Black) Replacement fixed window	West Building - 1st floor - west		
4 41	" " "	" " North		
4 42	" " "	" " South		
4 43	Window Caulk-Perimeter (gray) Replacement fixed window	Middle Building - 1st floor - northside - west		
4 44	" " "	" " Northside - East		
4 45	" " "	" " South		
4 46	Window Glazing Compound (Black) Replacement fixed window	Middle Building - 1st floor - northside - west		
4 47	" " "	" " Northside - East		
4 48	" " "	" " South		

Sampled By: entball Date: 4/22/05 Received By: _____ Date: _____
 Relinquished By: entball Date: 4/22/05 Received By: _____ Date: _____

Comments: _____

WATTS ARCHITECTURE & ENGINEERING, P.C.
 ASBESTOS BULK SAMPLE CHAIN-OF-CUSTODY

Page: 05 of 07

Client: DASNY
 Project: DASNY offices
 Building / Location: 539 franklin, Buffalo, NY
 Contact: Eric McNaabb at (716) 836-1540
 Fax Preliminary Results to: (716) 836-2402
 Mail Report & Invoice to: Watts Architecture & Engineering, P.C.
 3826 Main Street, Buffalo, NY, 14226

Date: 4/22/08
 Watts Project No.: Y6157.16

Turnaround Requested: _____ 3 Hr. 48 Hr.
 Analysis Requested: _____ 6 Hr. _____ 72 Hr.
 PLM TEM _____ 12 Hr. _____ 5 Day
 _____ 24 Hr. _____ 6-10 Da
 See note pg 7

Sample Number	Material Description	Sample Location	Laboratory Results	
			PLM	TEM
Y6157.16- 49	Window Caulk - Perimeter - old operable window	East Building - 1st floor North		
" 50	" " " " "	" " 1st floor South		
" 51	" " " " "	" " 2nd floor - South		
" 52	Window Glazing Compound - white - old operable windows	East Building 1st floor - north		
" 53	" " " " "	" " 1st floor - South		
" 54	" " " " "	" " 2nd floor - South		
" 55	Window Caulk - Perimeter - operable windows	West Building - 2nd floor - East		
" 56	" " " " "	" " " - North		
" 57	" " " " "	" " " - West		
" 58	Window Glazing Compound - white - operable windows	West Building - 2nd floor - East		
" 59	" " " " "	" " " - North		
" 60	" " " " "	" " " - West		

Sampled By: [Signature] Date: 4/22/08 Received By: _____ Date: _____
 Relinquished By: [Signature] Date: 4/22/08 Received By: _____ Date: _____

Comments: _____

WATTS ARCHITECTURE & ENGINEERING, P.C.
 ASBESTOS BULK SAMPLE CHAIN-OF-CUSTODY

Client: DASNY
 Project: DASNY Offices
 Building / Location: 539 Franklin Street, Buffalo, NY
 Contact: Eric Mc Nabbs at (716) 836-1540
 Fax Preliminary Results to: (716) 836-2402
 Mail Report & Invoice to: Watts Architecture & Engineering, P.C.
 3826 Main Street, Buffalo, NY, 14226

Date: 4/22/08
 Watts Project No.: Y6157.16

Turnaround Requested: 3 Hr. x 48 Hr.
 Analysis Requested: 6 Hr. 72 Hr.
 PLM x TEM x 12 Hr. 5 Day
 24 Hr. 6-10 Day
 See note pg 7

Sample Number	Material Description	Sample Location	Laboratory Results	
			PLM	TEM
46157.16-61	Window Caulk - Perimeter - operable windows	Middle Building - 2nd floor - South		
" 62	" " "	" " North		
" 63	" " "	" " North		
" 64	Window Glazing Compound - operable windows	Middle Building - 2nd floor South		
" 65	" " "	" " North		
" 66	" " "	" " North		
" 67	TSI - Air Cell Pipe Insulation	Basement - Storage Rm - East End		
" 68	" " "	" " " "		
" 69	" " "	" - East for Room - East End		
" 70	Dry wall	Middle Building - 2nd floor North		
" 71	" "	" " 2nd floor - South		
" 72	" "	" " 1st floor - South		

Sampled By: [Signature] Date: 4/22/08 Received By: Date:
 Relinquished By: [Signature] Date: 4/22/08 Received By: Date:

Comments:

WATTS ARCHITECTURE & ENGINEERING, P.C.
 ASBESTOS BULK SAMPLE CHAIN-OF-CUSTODY

Client: DASNY
 Project: DASNY offices
 Building / Location: 539 Franklin Street, Buffalo, NY
 Contact: Eric McNabb at (716) 836-1540
 Fax Preliminary Results to: (716) 836-2402
 Mail Report & Invoice to: Watts Architecture & Engineering, P.C.
 3826 Main Street, Buffalo, NY 14226

Date: 4/22/08

Watts Project No.: Y6157.16

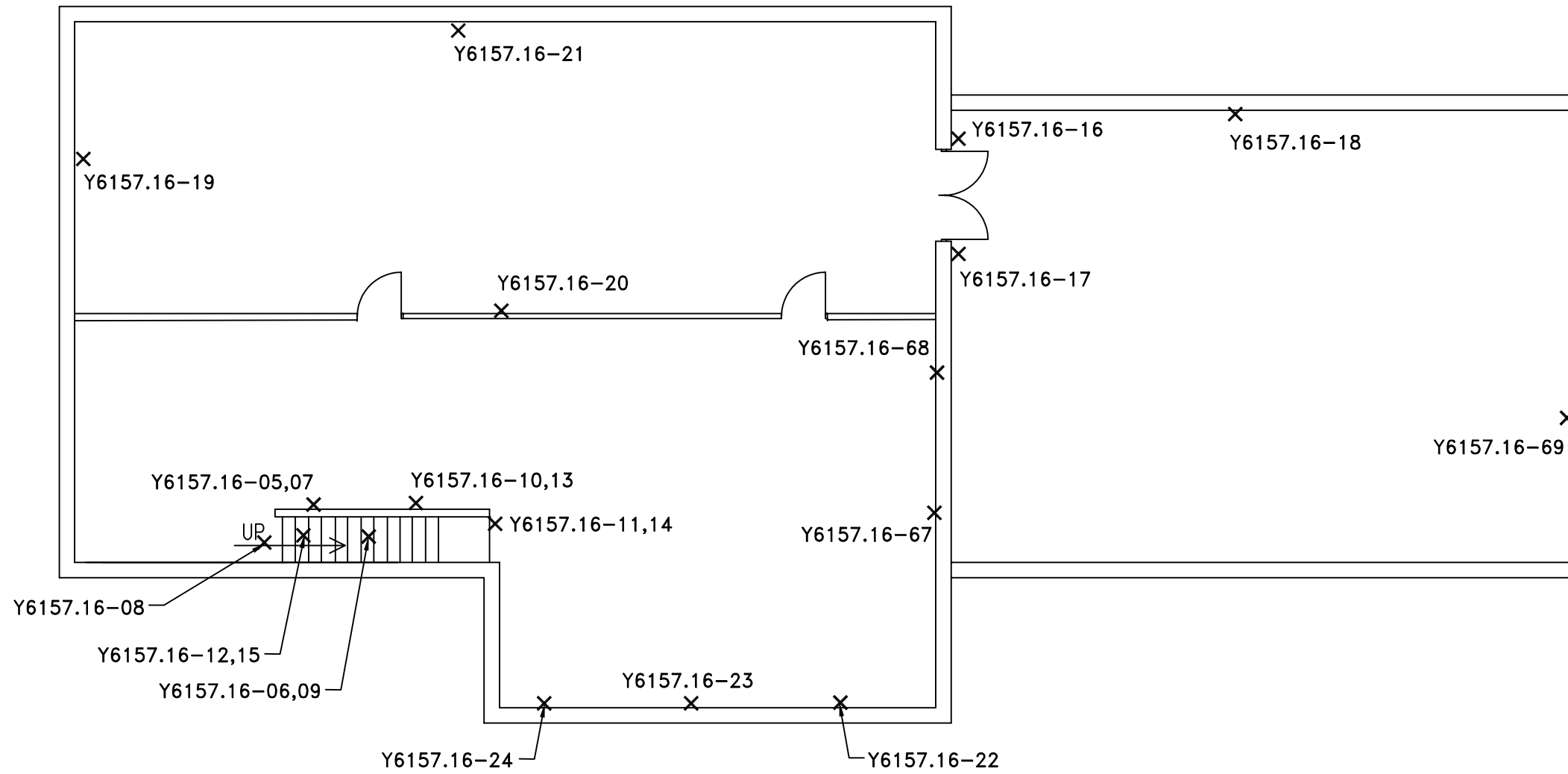
Turnaround Requested: 3 Hr. 48 Hr.
 Analysis Requested: 6 Hr. 72 Hr.
 PLM TEM 12 Hr. 5 Day
24 Hr. 6-10 Da

Sample Number	Material Description	Sample Location	Laboratory Results	
			PLM	TEM
Y6157.16-73	Drywall Joint Compound	Middle Building - 2nd floor North		
" 74	" " "	" " 2nd floor South		
" 75	" " "	" " 1st floor South		

Sampled By: [Signature] Date: 4/22/08 Received By: _____ Date: _____
 Relinquished By: [Signature] Date: 4/22/08 Received By: _____ Date: _____

Comments: _____

3.5 SAMPLE LOCATION DRAWINGS



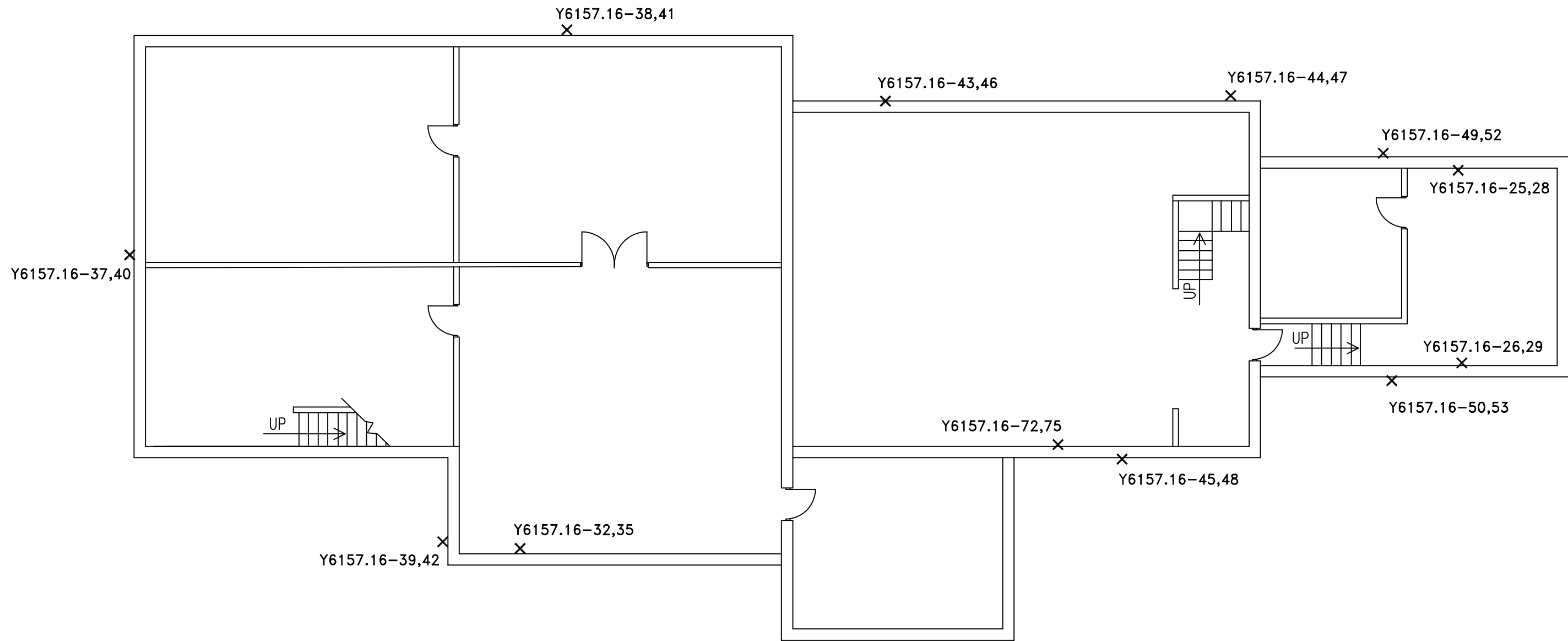
BASEMENT PLAN 


SAMPLES WERE COLLECTED ON APRIL 22, 2008.
 X INDICATES APPROXIMATE SAMPLE LOCATIONS.

ASBESTOS BULK SAMPLE LOCATIONS BASEMENT	
DASNY OFFICES 539 FRANKLIN STREET BUFFALO, NEW YORK	
NOT TO SCALE	MAY 2008


WATTS
 ARCHITECTURE &
 ENGINEERING, P.C.
 3826 Main Street
 Buffalo, New York 14226
 (716) 836-1540 | (716) 836-2402 Fax

I:\Y600\Y6157 Term Agree, DASNY\16 DASNY Office\SL-1.dwg May 05, 2022, 1:35pm



FIRST FLOOR PLAN 

SAMPLES WERE COLLECTED ON APRIL 22, 2008.
X INDICATES APPROXIMATE SAMPLE LOCATIONS.

ASBESTOS BULK SAMPLE LOCATIONS
FIRST FLOOR

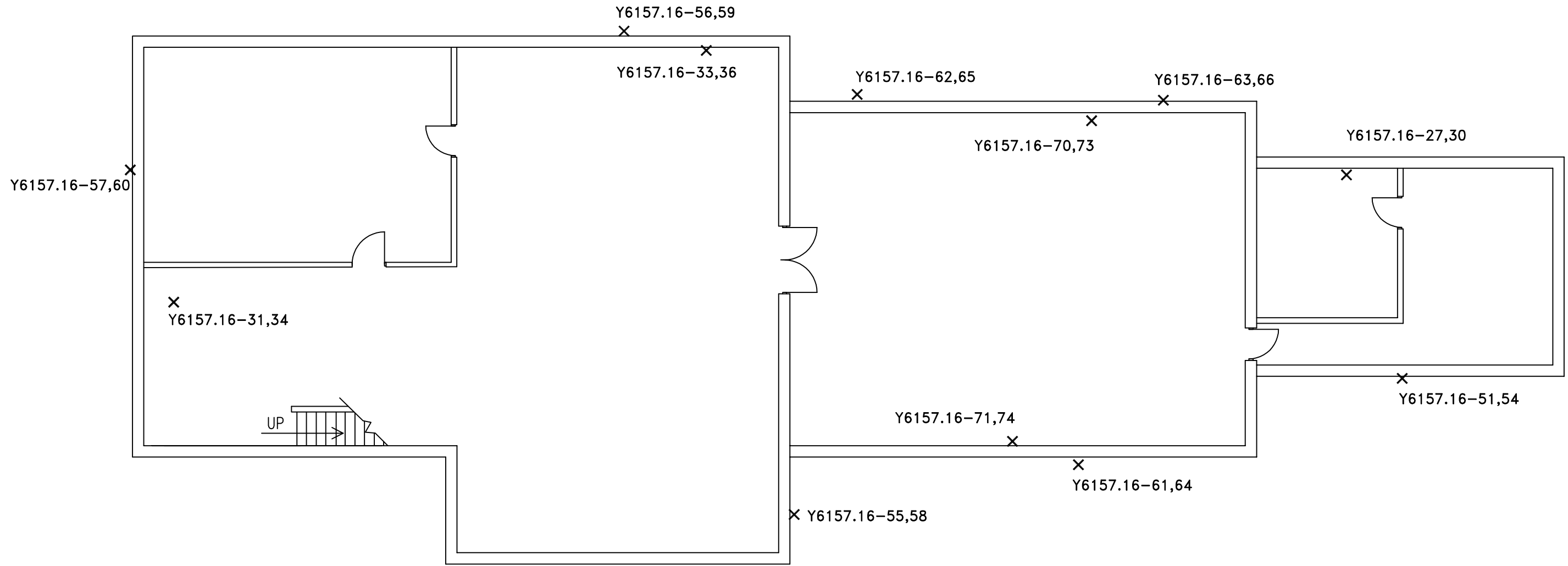
 **WATTS**
ARCHITECTURE &
ENGINEERING, P.C.
3826 Main Street
Buffalo, New York 14226
(716) 836-1540 | (716) 836-2402 Fax

DASNY OFFICES
539 FRANKLIN STREET
BUFFALO, NEW YORK

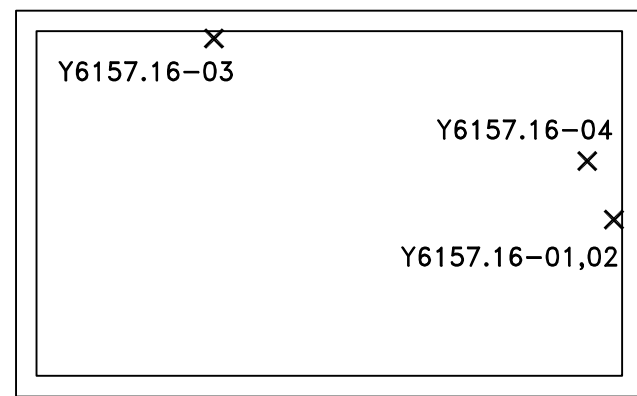
NOT TO SCALE

MAY 2008

I:\Y600\Y6157 Term Agree, DASNY\16 DASNY Office\SL-1.dwg May 05, 2022, 1:39pm



SECOND FLOOR PLAN 



ATTIC PLAN 

SAMPLES WERE COLLECTED ON APRIL 22, 2008.
X INDICATES APPROXIMATE SAMPLE LOCATIONS.

ASBESTOS BULK SAMPLE LOCATIONS SECOND FLOOR & ATTIC	
DASNY OFFICES 539 FRANKLIN STREET BUFFALO, NEW YORK	
NOT TO SCALE	MAY 2008

 **WATTS**
ARCHITECTURE &
ENGINEERING, P.C.
3826 Main Street
Buffalo, New York 14226
(716) 836-1540 | (716) 836-2402 Fax

4.0 POLYCHLORINATED BIPHENYLS IN CAULK

**DASNY OFFICES
539 FRANKLIN STREET, BUFFALO, NEW YORK**

PCB Concentration (mg/kg or ppm)*

Sample No.	Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1262	Aroclor 1268	Sample Description
Y6157.16-PCB-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	West Bldg 1 st Floor Perimeter
Y6157.16-PCB-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	West Bldg 1 st Floor - Black Glazing Caulk (fixed)
Y6157.16-PCB-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	West Bldg 2 nd Floor Perimeter
Y6157.16-PCB-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	Mid Bldg 1 st Floor Perimeter
Y6157.16-PCB-05	ND	ND	ND	ND	ND	ND	ND	ND	ND	Mid Bldg 1 st Floor - Black Glazing Caulk (fixed)
Y6157.16-PCB-06	ND	ND	ND	ND	ND	ND	ND	ND	ND	Mid Bldg 2 nd Floor Perimeter
Y6157.16-PCB-07	ND	ND	ND	ND	ND	ND	ND	ND	ND	East Bldg 1 st Floor Perimeter

Shading indicates materials that exceed 50 ppm.

The results were reported in milligrams per kilogram (mg/kg). Milligrams per kilogram equate to parts per million (ppm) and therefore can be directly correlated to the regulatory standards.

Abbreviations:

ND = Non Detected

mg/kg = milligram per kilogram

ppm = parts per million

4.1 LABORATORY REPORT AND CHAIN-OF-CUSTODY FORM

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job#: A08-4347

Project#: NY2A893625
Site Name: Watts Engineers
Task: DASNY Offices- Y6157.16

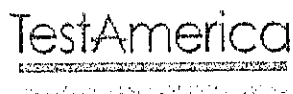
Eric McNabb
Watts Engineers
3826 Main Street
Buffalo, NY 14226

TestAmerica Laboratories Inc.



Paul K. Morrow
Project Manager

05/13/2008



TestAmerica Buffalo Current Certifications

As of 6/15/2007

STATE	Program	Cert # / Lab ID
Arkansas	SDWA, CWA, RCRA, SOIL	88-0686
California*	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida*	NELAP CWA, RCRA	E87672
Georgia*	SDWA, NELAP CWA, RCRA	956
Illinois*	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas*	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana*	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY0044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA, CWA, RCRA	036-999-337
New Hampshire*	NELAP SDWA, CWA	233701
New Jersey*	NELAP, SDWA, CWA, RCRA,	NY455
New York*	NELAP, AIR, SDWA, CWA, RCRA, CLP	10026
Oklahoma	CWA, RCRA	9421
Pennsylvania*	Registration, NELAP CWA, RCRA	68-00281
Tennessee	SDWA	02970
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington	CWA, RCRA	C1677
West Virginia	CWA, RCRA	252
Wisconsin	CWA, RCRA	998310390

*As required under the indicated accreditation, the test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report.

SAMPLE SUMMARY

<u>LAB SAMPLE ID</u>	<u>CLIENT SAMPLE ID</u>	<u>MATRIX</u>	<u>SAMPLED</u>		<u>RECEIVED</u>	
			<u>DATE</u>	<u>TIME</u>	<u>DATE</u>	<u>TIME</u>
A8434701	Y6157.16-PCB-01	SOTHER	04/22/2008	10:00	04/22/2008	16:30
A8434702	Y6157.16-PCB-02	SOTHER	04/22/2008	10:00	04/22/2008	16:30
A8434703	Y6157.16-PCB-03	SOTHER	04/22/2008	10:05	04/22/2008	16:30
A8434704	Y6157.16-PCB-04	SOTHER	04/22/2008	09:40	04/22/2008	16:30
A8434705	Y6157.16-PCB-05	SOTHER	04/22/2008	09:40	04/22/2008	16:30
A8434706	Y6157.16-PCB-06	SOTHER	04/22/2008	09:50	04/22/2008	16:30
A8434707	Y6157.16-PCB-07	SOTHER	04/22/2008	09:30	04/22/2008	16:30

METHODS SUMMARY

Job#: A08-4347Project#: NY2A893625
Site Name: Watts Engineers

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>
METHOD 8082 - POLYCHLORINATED BIPHENYLS	SW8463 8082

References:

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

SDG NARRATIVE

Job#: A08-4347Project#: NY2A893625
Site Name: Watts EngineersGeneral Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A08-4347

Sample Cooler(s) were received at the following temperature(s); 4.8 °C
All samples were received in good condition.

GC Extractable Data

No deviations from protocol were encountered during the analytical procedures.

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.



DATA QUALIFIER PAGE

These definitions are provided in the event the data in this report requires the use of one or more of the qualifiers. Not all qualifiers defined below are necessarily used in the accompanying data package.

ORGANIC DATA QUALIFIERS

- ND or U Indicates compound was analyzed for, but not detected.
- J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
- C This flag applies to pesticide results where the identification has been confirmed by GC/MS.
- B This flag is used when the analyte is found in the associated blank, as well as in the sample.
- E This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- D This flag identifies all compounds identified in an analysis at the secondary dilution factor.
- N Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
- P This flag is used for CLP methodology only. For Pesticide/Aroclor target analytes, when a difference for detected concentrations between the two GC columns is greater than 25%, the lower of the two values is reported on the data page and flagged with a "P".
- A This flag indicates that a TIC is a suspected aldol-condensation product.
- 1 Indicates coelution.
- * Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

- ND or U Indicates element was analyzed for, but not detected. Report with the detection limit value.
- J or B Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
- N Indicates spike sample recovery is not within the quality control limits.
- S Indicates value determined by the Method of Standard Addition.
- E Indicates a value estimated or not reported due to the presence of interferences.
- H Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
- G Indicates a value greater than or equal to the project reporting limit but less than the laboratory quantitation limit.
- * Indicates the spike or duplicate analysis is not within the quality control limits.
- + Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Date: 05/13/2008

Time: 07:27:12

Watts Engineers
DASNY Offices- Y6157.16

7/21 Page: 1
Rept: AN1178

Sample ID: Y6157.16-PCB-01
Lab Sample ID: A8434701
Date Collected: 04/22/2008
Time Collected: 10:00

Date Received: 04/22/2008
Project No: NY2A893625
Client No: 508664
Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
WATTS - MED LEVEL SOIL-SW8463 8082 - PCBS (9)								
Aroclor 1016	ND		0.24	MG/KG	8082	04/28/2008	15:43	TCH
Aroclor 1221	ND		0.24	MG/KG	8082	04/28/2008	15:43	TCH
Aroclor 1232	ND		0.24	MG/KG	8082	04/28/2008	15:43	TCH
Aroclor 1242	ND		0.24	MG/KG	8082	04/28/2008	15:43	TCH
Aroclor 1248	ND		0.24	MG/KG	8082	04/28/2008	15:43	TCH
Aroclor 1254	ND		0.24	MG/KG	8082	04/28/2008	15:43	TCH
Aroclor 1260	ND		0.24	MG/KG	8082	04/28/2008	15:43	TCH
Aroclor 1262	ND		0.24	MG/KG	8082	04/28/2008	15:43	TCH
Aroclor 1268	ND		0.24	MG/KG	8082	04/28/2008	15:43	TCH

Date: 05/13/2008
Time: 07:27:12

Watts Engineers
DASNY Offices- Y6157.16

8/21 Page: 2
Rept: AN1178

Sample ID: Y6157.16-PCB-02
Lab Sample ID: A8434702
Date Collected: 04/22/2008
Time Collected: 10:00

Date Received: 04/22/2008
Project No: NY2A893625
Client No: 508664
Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
WATTS - MED LEVEL SOIL-SW8463 8082 - PCBS (9)								
Aroclor 1016	ND		0.18	MG/KG	8082	04/28/2008	15:57	TCH
Aroclor 1221	ND		0.18	MG/KG	8082	04/28/2008	15:57	TCH
Aroclor 1232	ND		0.18	MG/KG	8082	04/28/2008	15:57	TCH
Aroclor 1242	ND		0.18	MG/KG	8082	04/28/2008	15:57	TCH
Aroclor 1248	ND		0.18	MG/KG	8082	04/28/2008	15:57	TCH
Aroclor 1254	ND		0.18	MG/KG	8082	04/28/2008	15:57	TCH
Aroclor 1260	ND		0.18	MG/KG	8082	04/28/2008	15:57	TCH
Aroclor 1262	ND		0.18	MG/KG	8082	04/28/2008	15:57	TCH
Aroclor 1268	ND		0.18	MG/KG	8082	04/28/2008	15:57	TCH

Date: 05/13/2008

Time: 07:27:12

Watts Engineers
DASNY Offices- Y6157.16

9/21 Page: 3
Rept: AN1178

Sample ID: Y6157.16-PCB-03
Lab Sample ID: A8434703
Date Collected: 04/22/2008
Time Collected: 10:05

Date Received: 04/22/2008
Project No: NY2A893625
Client No: 508664
Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
WATTS - MED LEVEL SOIL-SW8463 8082 - PCBS (9)								
Aroclor 1016	ND		0.17	MG/KG	8082	04/28/2008	16:12	TCH
Aroclor 1221	ND		0.17	MG/KG	8082	04/28/2008	16:12	TCH
Aroclor 1232	ND		0.17	MG/KG	8082	04/28/2008	16:12	TCH
Aroclor 1242	ND		0.17	MG/KG	8082	04/28/2008	16:12	TCH
Aroclor 1248	ND		0.17	MG/KG	8082	04/28/2008	16:12	TCH
Aroclor 1254	ND		0.17	MG/KG	8082	04/28/2008	16:12	TCH
Aroclor 1260	ND		0.17	MG/KG	8082	04/28/2008	16:12	TCH
Aroclor 1262	ND		0.17	MG/KG	8082	04/28/2008	16:12	TCH
Aroclor 1268	ND		0.17	MG/KG	8082	04/28/2008	16:12	TCH

Date: 05/13/2008

Time: 07:27:12

Watts Engineers
DASNY Offices- Y6157.16

10/21 Page: 4
Rept: AN1178

Sample ID: Y6157.16-PCB-04
Lab Sample ID: A8434704
Date Collected: 04/22/2008
Time Collected: 09:40

Date Received: 04/22/2008
Project No: NY2A893625
Client No: 508664
Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
WATTS - MED LEVEL SOIL-SW8463 8082 - PCBS (9)								
Aroclor 1016	ND		0.17	MG/KG	8082	04/28/2008	16:26	TCH
Aroclor 1221	ND		0.17	MG/KG	8082	04/28/2008	16:26	TCH
Aroclor 1232	ND		0.17	MG/KG	8082	04/28/2008	16:26	TCH
Aroclor 1242	ND		0.17	MG/KG	8082	04/28/2008	16:26	TCH
Aroclor 1248	ND		0.17	MG/KG	8082	04/28/2008	16:26	TCH
Aroclor 1254	ND		0.17	MG/KG	8082	04/28/2008	16:26	TCH
Aroclor 1260	ND		0.17	MG/KG	8082	04/28/2008	16:26	TCH
Aroclor 1262	ND		0.17	MG/KG	8082	04/28/2008	16:26	TCH
Aroclor 1268	ND		0.17	MG/KG	8082	04/28/2008	16:26	TCH

Date: 05/13/2008
Time: 07:27:12

Watts Engineers
DASNY Offices- Y6157.16

11/21 Page: 5
Rept: AN1178

Sample ID: Y6157.16-PCB-05
Lab Sample ID: A8434705
Date Collected: 04/22/2008
Time Collected: 09:40

Date Received: 04/22/2008
Project No: NY2A893625
Client No: 508664
Site No:

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
WATTS - MED LEVEL SOIL-SW8463 8082 - PCBs (9)								
Aroclor 1016	ND		0.21	MG/KG	8082	04/28/2008	16:40	TCH
Aroclor 1221	ND		0.21	MG/KG	8082	04/28/2008	16:40	TCH
Aroclor 1232	ND		0.21	MG/KG	8082	04/28/2008	16:40	TCH
Aroclor 1242	ND		0.21	MG/KG	8082	04/28/2008	16:40	TCH
Aroclor 1248	ND		0.21	MG/KG	8082	04/28/2008	16:40	TCH
Aroclor 1254	ND		0.21	MG/KG	8082	04/28/2008	16:40	TCH
Aroclor 1260	ND		0.21	MG/KG	8082	04/28/2008	16:40	TCH
Aroclor 1262	ND		0.21	MG/KG	8082	04/28/2008	16:40	TCH
Aroclor 1268	ND		0.21	MG/KG	8082	04/28/2008	16:40	TCH

Date: 05/13/2008

Time: 07:27:12

Watts Engineers
DASNY Offices- Y6157.16

12/21 Page: 6
Rept: AN1178

Sample ID: Y6157.16-PCB-06

Lab Sample ID: A8434706

Date Collected: 04/22/2008

Time Collected: 09:50

Date Received: 04/22/2008

Project No: NY2A893625

Client No: 508664

Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time		Analyst
						Analyzed		
WATTS - MED LEVEL SOIL-SW8463 8082 - PCBS (9)								
Aroclor 1016	ND		0.20	MG/KG	8082	04/28/2008	16:54	TCH
Aroclor 1221	ND		0.20	MG/KG	8082	04/28/2008	16:54	TCH
Aroclor 1232	ND		0.20	MG/KG	8082	04/28/2008	16:54	TCH
Aroclor 1242	ND		0.20	MG/KG	8082	04/28/2008	16:54	TCH
Aroclor 1248	ND		0.20	MG/KG	8082	04/28/2008	16:54	TCH
Aroclor 1254	ND		0.20	MG/KG	8082	04/28/2008	16:54	TCH
Aroclor 1260	ND		0.20	MG/KG	8082	04/28/2008	16:54	TCH
Aroclor 1262	ND		0.20	MG/KG	8082	04/28/2008	16:54	TCH
Aroclor 1268	ND		0.20	MG/KG	8082	04/28/2008	16:54	TCH

Date: 05/13/2008

Time: 07:27:12

Watts Engineers
DASNY Offices- Y6157.16

13/21 Page: 7
Rept: AN1178

Sample ID: Y6157.16-PCB-07
Lab Sample ID: A8434707
Date Collected: 04/22/2008
Time Collected: 09:30

Date Received: 04/22/2008
Project No: NY2A893625
Client No: 508664
Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
WATTS - MED LEVEL SOIL-SW8463 8082 - PCBS (9)								
Aroclor 1016	ND		0.20	MG/KG	8082	04/28/2008	17:09	TCH
Aroclor 1221	ND		0.20	MG/KG	8082	04/28/2008	17:09	TCH
Aroclor 1232	ND		0.20	MG/KG	8082	04/28/2008	17:09	TCH
Aroclor 1242	ND		0.20	MG/KG	8082	04/28/2008	17:09	TCH
Aroclor 1248	ND		0.20	MG/KG	8082	04/28/2008	17:09	TCH
Aroclor 1254	ND		0.20	MG/KG	8082	04/28/2008	17:09	TCH
Aroclor 1260	ND		0.20	MG/KG	8082	04/28/2008	17:09	TCH
Aroclor 1262	ND		0.20	MG/KG	8082	04/28/2008	17:09	TCH
Aroclor 1268	ND		0.20	MG/KG	8082	04/28/2008	17:09	TCH

Chronology and QC Summary Package

Date: 05/13/2008
 Time: 07:27:22

Watts Engineers
 DASNY Offices- Y6157.16
 METHOD 8082 - POLYCHLORINATED BIPHENYLS

Rept: AN1247

Client ID		Method Blank							
Job No		A08-4347		A8B1398503					
Sample Date		Lab ID							
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	MG/KG	ND	0.22	NA		NA		NA	
Aroclor 1221	MG/KG	ND	0.22	NA		NA		NA	
Aroclor 1232	MG/KG	ND	0.22	NA		NA		NA	
Aroclor 1242	MG/KG	ND	0.22	NA		NA		NA	
Aroclor 1248	MG/KG	ND	0.22	NA		NA		NA	
Aroclor 1254	MG/KG	ND	0.22	NA		NA		NA	
Aroclor 1260	MG/KG	ND	0.22	NA		NA		NA	
Aroclor 1262	MG/KG	ND	0.22	NA		NA		NA	
Aroclor 1268	MG/KG	ND	0.22	NA		NA		NA	
SURROGATE(S)									
Tetrachloro-m-xylene	%	98	35-134	NA		NA		NA	
Decachlorobiphenyl	%	117	34-148	NA		NA		NA	

NA = Not Applicable ND = Not Detected

TestAmerica Lab

15/21

Date: 05/13/2008
 Time: 07:27:22

Watts Engineers
 DASNY Offices- Y6157.16
 METHOD 8082 - POLYCHLORINATED BIPHENYLS

Rept: AN1247

Client ID		Method Blank							
Job No		A08-4347		A8B1398503					
Sample Date		Lab ID							
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	MG/KG	ND	0.22	NA		NA		NA	
Aroclor 1221	MG/KG	ND	0.22	NA		NA		NA	
Aroclor 1232	MG/KG	ND	0.22	NA		NA		NA	
Aroclor 1242	MG/KG	ND	0.22	NA		NA		NA	
Aroclor 1248	MG/KG	ND	0.22	NA		NA		NA	
Aroclor 1254	MG/KG	ND	0.22	NA		NA		NA	
Aroclor 1260	MG/KG	ND	0.22	NA		NA		NA	
SURROGATE(S)									
Tetrachloro-m-xylene	%	98	35-134	NA		NA		NA	
Decachlorobiphenyl	%	117	34-148	NA		NA		NA	

NA = Not Applicable ND = Not Detected

TestAmerica Lab

16/21

Client Sample ID: Method Blank
 Lab Sample ID: A8B1398503

Matrix Spike Blank
 A8B1398501

Matrix Spike Blk Dup
 A8B1398502

Analyte	Units of Measure	Concentration		Spike Amount		% Recovery			% RPD	QC LIMITS		
		Spike Blank	Spike Blank Dup	SB	SBD	SB	SBD	Avg		RPD	REC.	
METHOD 8082 - POLYCHLORINATED BIPHENYLS												
Aroclor 1260	MG/KG	2.20	2.42	1.86	2.13	118	113	116	4	50.0	52-140	
Aroclor 1016	MG/KG	1.90	2.15	1.86	2.13	102	101	102	1	50.0	59-154	
METHOD 8082 - POLYCHLORINATED BIPHENYLS												
Aroclor 1260	MG/KG	2.20	2.42	1.86	2.13	118	113	116	4	50.0	52-140	
Aroclor 1016	MG/KG	1.90	2.15	1.86	2.13	102	101	102	1	50.0	59-154	

* Indicates Result is outside QC Limits
 NC = Not Calculated ND = Not Detected

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	Y6157.16-PCB-01 A08-4347 A8434701	Y6157.16-PCB-02 A08-4347 A8434702	Y6157.16-PCB-03 A08-4347 A8434703	Y6157.16-PCB-04 A08-4347 A8434704	Y6157.16-PCB-05 A08-4347 A8434705
Sample Date	04/22/2008 10:00	04/22/2008 10:00	04/22/2008 10:05	04/22/2008 09:40	04/22/2008 09:40
Received Date	04/22/2008 16:30	04/22/2008 16:30	04/22/2008 16:30	04/22/2008 16:30	04/22/2008 16:30
Extraction Date	04/24/2008 08:00	04/24/2008 08:00	04/24/2008 08:00	04/24/2008 08:00	04/24/2008 08:00
Analysis Date	04/28/2008 15:43	04/28/2008 15:57	04/28/2008 16:12	04/28/2008 16:26	04/28/2008 16:40
Extraction HT Met?	YES	YES	YES	YES	YES
Analytical HT Met?	YES	YES	YES	YES	YES
Sample Matrix	SOTHER	SOTHER	SOTHER	SOTHER	SOTHER
Dilution Factor	1.0	1.0	1.0	1.0	1.0
Sample wt/vol	2.11 GRAMS	2.73 GRAMS	2.86 GRAMS	2.88 GRAMS	2.38 GRAMS
% Dry	100.00	100.00	100.00	100.00	100.00

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	Y6157.16-PCB-06 A08-4347 A8434706	Y6157.16-PCB-07 A08-4347 A8434707			
Sample Date	04/22/2008 09:50	04/22/2008 09:30			
Received Date	04/22/2008 16:30	04/22/2008 16:30			
Extraction Date	04/24/2008 08:00	04/24/2008 08:00			
Analysis Date	04/28/2008 16:54	04/28/2008 17:09			
Extraction HT Met?	YES	YES			
Analytical HT Met?	YES	YES			
Sample Matrix	SOTHER	SOTHER			
Dilution Factor	1.0	1.0			
Sample wt/vol	2.53 GRAMS	2.43 GRAMS			
% Dry	100.00	100.00			

19/21

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	Method Blank A08-4347 A8B1398503				
Sample Date					
Received Date					
Extraction Date	04/24/2008 08:00				
Analysis Date	04/28/2008 15:29				
Extraction HT Met?	-				
Analytical HT Met?	-				
Sample Matrix	SOIL MED				
Dilution Factor	1.0				
Sample wt/vol	2.26 GRAMS				
% Dry	100.00				

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	Method Blank A08-4347 A8B1398503				
Sample Date					
Received Date					
Extraction Date	04/24/2008 08:00				
Analysis Date	04/28/2008 15:29				
Extraction HT Met?	-				
Analytical HT Met?	-				
Sample Matrix	SOIL MED				
Dilution Factor	1.0				
Sample wt/vol	2.26 GRAMS				
% Dry	100.00				

**Chain of
Custody Record**

STL-4124 (0901)

Client: Watts Engineers Project Manager: Eric McPhabb Date: 4 Chain of Custody Number: 325353

Address: 3826 Main Street Telephone Number (Area Code)/Fax Number: 716-836-2320 x142 Lab Number: _____ Page 1 of 1

City: Buffalo State: NY Zip Code: 14226 Site Contact: Eric McPhabb Lab Contact: Paul Morrow

Project Name and Location (State): DASNY offices, Buffalo, NY Carrier/Waybill Number: _____

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix					Containers & Preservatives						PCs in Cont.	Analysis (Attach list if more space is needed)	Special Instructions/ Conditions of Receipt	
			Air	Aqueous	Sed.	Soil	Sw/TK	Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH				
<u>Y6157.16-PCB-01 - West Bldg 1st floor Perimeter</u>	<u>4/22/08</u>	<u>10:00</u>					<u>X</u>	<u>X</u>							<u>X</u>		
<u>Y6157.16-PCB-02 - West Bldg 1st floor - Glazing</u>	<u>4/22/08</u>	<u>10:00</u>					<u>X</u>	<u>X</u>							<u>X</u>		
<u>Y6157.16-PCB-03 - West Bldg 2nd floor Perimeter</u>	<u>4/22/08</u>	<u>10:05</u>					<u>X</u>	<u>X</u>							<u>X</u>		
<u>Y6157.16-PCB-04 Mid Bldg 1st floor Perimeter</u>	<u>4/22/08</u>	<u>9:40</u>					<u>X</u>	<u>X</u>							<u>X</u>		
<u>n PCB-05 Mid Bldg 1st floor - Glazing</u>	<u>4/22/08</u>	<u>9:40</u>					<u>X</u>	<u>X</u>							<u>X</u>		
<u>n PCB-06 Mid Bldg 2nd floor Perimeter</u>	<u>4/22/08</u>	<u>9:30</u>					<u>X</u>	<u>X</u>							<u>X</u>		
<u>n PCB-07 East Bldg 1st floor Perimeter</u>	<u>4/22/08</u>	<u>9:30</u>					<u>X</u>	<u>X</u>							<u>X</u>		

Possible Hazard Identification: Non-Hazard Flammable Skin Irritant Poison B Unknown Return To Client Disposal By Lab Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: 24 Hours 48 Hours 7 Days 14 Days 21 Days Other 10 day

QC Requirements (Specify): _____

1. Relinquished By: <u>[Signature]</u>	Date: <u>4/22/08</u> Time: <u>16:00</u>	1. Received By: <u>[Signature]</u>	Date: <u>4/22/08</u> Time: <u>1630</u>
2. Relinquished By: <u>[Signature]</u>	Date: <u>4/22/08</u> Time: <u>1720</u>	2. Received By: _____	Date: _____ Time: _____
3. Relinquished By: _____	Date: _____ Time: _____	3. Received By: _____	Date: _____ Time: _____

Comments: _____

4.800

5.0 LABORATORY ACCREDITATION

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 200056-0

EMSL Analytical, Inc.
Depew, NY

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:*

BULK ASBESTOS FIBER ANALYSIS

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communiqué dated 18 June 2005).*

2007-07-01 through 2008-06-30

Effective dates



Sally S. Bruce
For the National Institute of Standards and Technology



National Voluntary
Laboratory Accreditation Program



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

EMSL Analytical, Inc.
490 Rowley Road
Depew, NY 14043
Mr. Kenneth J. Najuch
Phone: 716-651-0030 Fax: 716-651-0394
E-Mail: knajuch@emsl.com
URL: <http://www.emsl.com/>

BULK ASBESTOS FIBER ANALYSIS (PLM)

NVLAP LAB CODE 200056-0

NVLAP Code *Designation / Description*

18/A01 EPA-600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples

2007-07-01 through 2008-06-30

Effective dates

For the National Institute of Standards and Technology

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER
RICHARD F. DAINES, M.D.



Expires 12:01 AM April 01, 2008
Issued April 01, 2007

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

**MR. KENNETH NAJUCH
EMSL ANALYTICAL INC
490 ROWLEY ROAD
DEPEW, NY 14043**

**NY Lab Id No: 11606
EPA Lab Code: NY01278**

*is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved subcategories and/or analytes are listed below:*

Miscellaneous

Asbestos in Friable Material	EPA 600/M4/82/D20 Item 198.1 of Manual
Asbestos in Non-Friable Material-PLM	Item 198.6 of Manual (NOS by PLM)
Asbestos in Non-Friable Material-TEM	ITEM 198.4 OF MANUAL

Serial No.: 33019

Property of the New York State Department of Health. Valid only at the address shown. Must be conspicuously posted. Valid certificates have a raised seal. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify laboratory's accreditation status.

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER
RICHARD F. DAINES, M.D.



Expires 12:01 AM April 01, 2008
Issued April 01, 2007
Revised April 17, 2007

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE
Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. CHRISTOPHER SPENCER
STL BUFFALO
10 HAZELWOOD DRIVE - SUITE 106
AMHERST, NY 14228

NY Lab Id No: 10026
EPA Lab Code: NY00044

is hereby APPROVED as an Environmental Laboratory in conformance with the
National Environmental Laboratory Accreditation Conference Standards for the category
ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved analytes are listed below:

Polychlorinated Biphenyls

PCB-1221	EPA 8082
PCB-1232	EPA 608
	EPA 8082
PCB-1242	EPA 608
	EPA 8082
PCB-1248	EPA 608
	EPA 8082
PCB-1254	EPA 608
	EPA 8082
PCB-1260	EPA 608
	EPA 8082

Polynuclear Aromatics

Benzo(a)pyrene	EPA 625
	EPA 8270C
Benzo(b)fluoranthene	EPA 625
	EPA 8270C
Benzo(ghi)perylene	EPA 625
	EPA 8270C
Benzo(k)fluoranthene	EPA 625
	EPA 8270C
Chrysene	EPA 625
	EPA 8270C
Dibenzo(a,h)anthracene	EPA 625
	EPA 8270C
Fluoranthene	EPA 625
	EPA 8270C
Fluorene	EPA 625
	EPA 8270C
Indeno(1,2,3-cd)pyrene	EPA 625
	EPA 8270C
Naphthalene	EPA 625
	EPA 8260B
	EPA 8270C
Phenanthrene	EPA 625
	EPA 8270C

Polynuclear Aromatics

3-Methylcholanthrene	EPA 8270C
7,12-Dimethylbenzyl (a) anthracene	EPA 8270C
Acenaphthene	EPA 625
	EPA 8270C
Acenaphthylene	EPA 625
	EPA 8270C
Anthracene	EPA 625
	EPA 8270C
Benzo(a)anthracene	EPA 625
	EPA 8270C

Serial No.: 33454

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6.0 CONSULTANT'S LICENSE AND CERTIFICATION

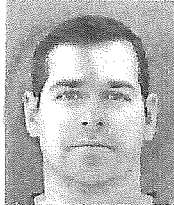
WATTS

ARCHITECTURE &
ENGINEERING, P.C.

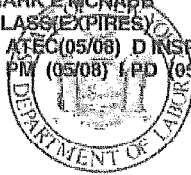
3826 Main Street
Buffalo, New York 14226



STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE



MARK E. MCNABB
CLASS EXPIRES
C ATEC(05/08) D INSP(05/08)
H PM (05/08) I PD (05/08)



CERT# 02-01251
DMV# 796994719

MUST BE CARRIED ON ASBESTOS PROJECTS



EYES BLU
HAIR BRO
HGT 5' 10"

IF FOUND RETURN TO:
NYS DOL - L&C UNIT
ROOM 290A BUILDING 12
STATE OFFICE CAMPUS
ALBANY NY 12240

M. Eric McNabb

C- Air Sampling Technician
D - Inspector
H - Project Monitor
I - Project Designer



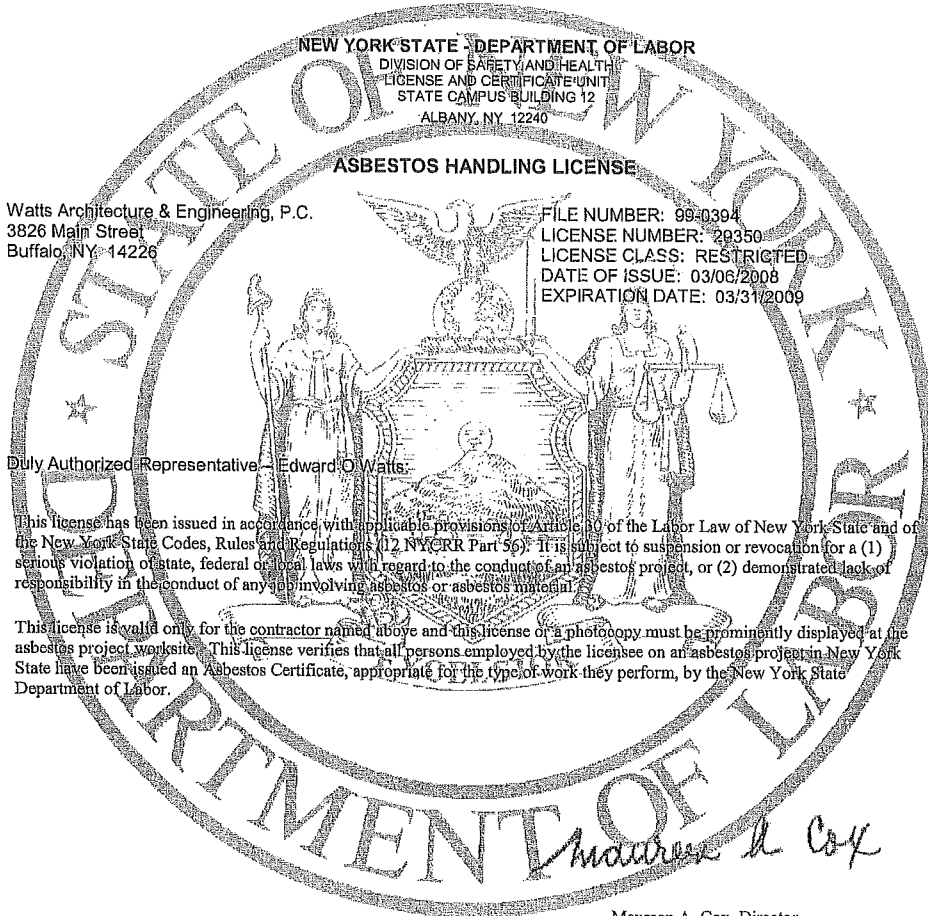
Excellence in all we do.

WATTS Architecture & Engineering, P.C.

WATTS

ARCHITECTURE &
ENGINEERING, P.C.

3826 Main Street
Buffalo, New York 14226



NEW YORK STATE DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH
LICENSE AND CERTIFICATE UNIT
STATE CAMPUS BUILDING 12
ALBANY, NY 12240

ASBESTOS HANDLING LICENSE

Watts Architecture & Engineering, P.C.
3826 Main Street
Buffalo, NY 14226

FILE NUMBER: 99-0394
LICENSE NUMBER: 29350
LICENSE CLASS: RESTRICTED
DATE OF ISSUE: 03/06/2008
EXPIRATION DATE: 03/31/2009

Duly Authorized Representative: Edward O. Watts

This license has been issued in accordance with applicable provisions of Article 60 of the Labor Law of New York State and of the New York State Codes, Rules and Regulations (12 NYCRR Part 56). It is subject to suspension or revocation for a (1) serious violation of state, federal or local laws with regard to the conduct of an asbestos project, or (2) demonstrated lack of responsibility in the conduct of any job involving asbestos or asbestos material.

This license is valid only for the contractor named above and this license or a photocopy must be prominently displayed at the asbestos project worksite. This license verifies that all persons employed by the licensee on an asbestos project in New York State have been issued an Asbestos Certificate, appropriate for the type of work they perform, by the New York State Department of Labor.

Maureen A. Cox

Maureen A. Cox, Director
FOR THE COMMISSIONER OF LABOR

SH 432 (4-07)



Excellence in all we do.

WATTS Architecture & Engineering, P.C.